

Amendments to the Claims:

Claims 1 - 5 five are pending with independent claims 1, 4, and 5 having been amended. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (Currently Amended): A log analyzing method for analyzing log
2 information ~~outputted~~ output when a program is executed by a computer, comprising:
3 a step for acquiring log information ~~outputted when~~ output if a program is
4 executed to thereby read the acquired log information;
5 a step for accepting a user designation condition indicative of a category and a
6 level of log information which is extracted, the user designation condition including an
7 application operation sequence for designating a category and a log level definition for
8 designating the level of log information;
9 a step for extracting information from the log information based upon said
10 accepted user designation condition, and for judging as to whether or not each of operations
11 while the program is executed can satisfy an initial condition thereof so as to analyze a cause of
12 an error occurred while the program is executed; and
13 a step for providing a result of ~~said~~ error cause analysis to a user;
14 a step for providing an improvement rule used to improve said error, wherein the
15 improvement rule is provided based on an analysis result of the log information; and
16 a step for comparing the analysis result of the log information with the
17 improvement rule for an improving method for the program if the error occurs.

1 2. (Original): A log analyzing method as claimed in claim 1, further
2 comprising:
3 a step for comparing the analysis result of the log information with an
4 improvement rule which indicates an improving method of the program when the error happens

5 to occur, and for providing such an improvement rule used to improve the error, which is
6 provided based on the analysis result of said log information.

1 3. (Original): A log analyzing method as claimed in claim 1, further
2 comprising:

3 a step in which when said program is corrected in accordance with said provided
4 improving measure and thus, a shortage/excess is produced in a content of the related operation,
5 a warning notice capable of solving said shortened/excessive operation content is provided.

1 4. (Original): A log analyzing apparatus for analyzing log information
2 outputted when a program is executed by a computer, comprising:

3 a log acquiring/reading process unit ~~for acquiring~~ configured to acquire log
4 information outputted when a program is executed to thereby read the acquired log information;

5 a user designation condition accepting process unit ~~for accepting~~ configured to
6 accept a user designation condition indicative a category and a level of log information which is
7 extracted, the user designation condition including an application operation sequence for
8 designating a category and a log level definition for designating the level of log information;

9 a log analyzing process unit ~~for extracting~~ configured to extract information from
10 the log information based upon said accepted user designation condition, and for judging as to
11 whether or not each of operations while the program is executed can satisfy an initial condition
12 thereof so as to analyze a cause of an error occurred while the program is executed; and

13 a log analysis result providing process unit ~~for providing~~ configured to provide
14 said an analysis result to a user; and

15 a rule improving process unit configured to provide an improvement rule used to
16 improve said error, wherein the improvement rule is provided based on an analysis result of the
17 log information, and configured to compare the analysis result of the log information with the
18 improvement rule for an improving method for the program if the error occurs..

1 5. (Currently Amended): In a computer readable recording medium for
2 recording thereon a program by which a computer functions as a log analyzing apparatus capable

3 of analyzing log information outputted when the program is executed by the computer, said
4 computer readable recording medium is comprised of:

5 a log acquiring/reading process step for acquiring log information outputted when
6 a program is executed to thereby read the acquired log information;

7 a user designation condition accepting process step for accepting a user
8 designation condition indicative of a category and a level of log information which is extracted,
9 the user designation condition including an application operation sequence for designating a
10 category and a log level definition for designating the level of log information;

11 a log analyzing process step for extracting information from the log information
12 based upon said accepted user designation condition, and for judging as to whether or not each of
13 operations while the program is executed can satisfy an initial condition thereof so as to analyze
14 a cause of an error occurred while the program is executed; and

15 a log analysis result providing process step for providing ~~said~~ an analysis result to
16 a user; and

17 a rule improving process step for providing an improvement rule used to improve
18 said error, wherein the improvement rule is provided based on an analysis result of the log
19 information, and for comparing the analysis result of the log information with the improvement
20 rule for an improving method for the program if the error occurs.